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FRESHMEN:

You have recently entered the portals of an institution which is going to prepare you for manhood and good citizenship. When you passed through those gates you entered a new scheme of life. You will have to adjust yourselves to the rules and regulations set down for you. Things will not be easy, and at times disappointment will overwhelm you. You must take into consideration that this life is entirely different from that which you lived in the past. Do not allow yourself to become discouraged at the first obstacle you encounter. If things go against you, keep your chin up and in the end you will be the better man for it.

Take advantages of all your opportunities while attending this school. Initiative and perseverance are things to be sought after and attainment of them is one step toward success. Make friends with your fellow class mates, and if at any time you are need of assistance or advice feel free to consult our faculty or any member of the Senior or Junior classes.

We welcome you to this institution and wish you the best luck during your stay here.

Albert Klein,

President Student Body.

CLASS 1937

BACH, MORTON	Textile High School	New York City
BERNSTEIN, ISRAEL	Tel Aviv High School	Palestine
BLATT, SEYMOUR	Lincoln High School	Jersey City, N.J.
BRAHIN, SID ARNOLD	Overbrook High School	Philadelphia, Pa.
FISMAN, MORRIS P.	Boys High School	Brooklyn N.Y.
FLSNER, MARVIN J.	John Adams High School	Cleveland, O.
FAIRSCHTER, DANIEL	Overbrook High School	Philadelphia, Pa.
FELD, LFON	Central High School	Philadelphia, Pa.
GARBER, JAMES F.	West Phila. High School	Philadelphia, Pa.
GOLDBERG, MORRIS	Fairview High School	Fairview N.J.
GREENBERG, DAVID	New Utrecht High School	Brooklyn, N.Y.
GRUBER, ROBERT	Geo. Washington High School	New York City
HARRIS, NATHAN	South Side High School	Newark, N.J.
HIRSCHHORN, HERMAN	Hamilton High School	Brooklyn, N.Y.
JACOBSON, IRVING	Hyde Park High School	Chicago, Ill.
KNOWLES, JOHN R.	Brown Prep.	Philadelphia, Pa.
LUBIN, EDW.	Simon Gratz High School	Philadelphia, Pa.
MALLOCH, WOODROW	Northeast High School	Philadelphia, Pa.
MENDELL, Hyme	Central High School	St. Joseph, Mo.
NOLLENBERGER, OTTO L.	Olney High School	Philadelphia, Pa.
PINKUS, RALPH	West Phila. High School	Philadelphia, Pa.
PITKOWSKY, ISRAEL	Morris High School	Bronx, N.Y.
PLOTKIN, LEWIS	West Phila. High School	Philadelphia, Pa.
RODGERS, EDW.	Immaculate Conception H. S.	Trenton, N.J.
ROTHBART, DAVID	Alderdice High School	Pittsburgh, Pa.
SCHANTZ, HAROLD S.	Elizabethtown H. S.	Elizabethtown, Pa.
SCHECHTMAN, LOUIS	Hamilton High School	Hamilton, O.
SCHFINGOLD, ABRAHAM	Farmingdale	Long Island, N.Y.
SCHIFF, LIONEL	Knoxville High School	Knoxville, Tenn.
SCHNEINMAN, HERBERT B.	West Philadelphia High School	Philadelphia, Pa.
SEGAL, DAVID	Central High School	Philadelphia, Pa.

(Please refer to Page 29)

EDITORIAL

WE students of the younger generation find ourselves in an indeed changing world. Beset on all sides by codes, we find the things we were taught to hold true—the theorems and axioms of everyday life—going by the board and being replaced by newer and far more intricate laws. Taught that efficiency and high production—super-salesmanship and mass turnout—were the Mammons to whom we should make obeisance, we now find ourselves in a position wherein these same rules are condoned and we are urged to another viewpoint—the destruction and curtailment of our resources in an attempt to allow the supply to sink to the level of the demand in order that they may balance.

Freshmen, you find yourselves in a similar position. Fresh from the cities, it will be necessary for you to discard much of what you have learned and partake of an entirely new point of view. From having been consumers you now become producers and find yourselves in an entirely new environment and see it necessary to take an entirely different attitude.

Since the Industrial Revolution the struggle between the classes has also been the struggle between the city man and the farmer. Accepting as we do, the premise that the majority of you intend making agriculture your life work, we thus find that we are faced by an analagous situation. You have been trained, whether consciously or not, to accept the attitude of the city man in his dealings with the producer of those commodities by which we sustain our bodies—the farmer. All about you, you have heard complaints about commodity prices—the city man saying they were too high, the countryman, too low.

You are now entering into a position wherein the reasons for this situation may become clear. Where the paradox of starvation and suffering in a land of plenty may clarify itself so that you can understand these conditions and be able to appreciate them.

Make use of your time while here at Farm School. Devote your energies not only to the attainment of high marks in your studies but also to the extra-curricular activities dealing with your new position. Keep step with the times by reading the magazines and newspaper articles dealing with current events and our new economic trends. Talk things over among yourselves. Demand to know the why's and wherefores. Be on the alert to notice all that happens about you and you will find it to your gain. Think!

You will find your instructors interested in helping you, the upper classmen eager to explain. Make use of your opportunities while here and you will find yourselves amply repaid for your efforts.

Freshmen, we bid you welcome.

WORDS TO THE WISE



A good Freshman makes a good upper classman.

Remember that your Farm School career is not necessarily a preparation for life—it is life itself to be lived honorably and seriously.

Identify yourself with some activity if you want to know your Farm School. If you have capacity for athletics, go out for them at the first call for candidates. If your bend is not towards athletics, take up Gleaner work or the Musical Organizations, or any of the departmental organizations of any kind of work that broadens your conception of the Farm School which can give you so much. In these activities you will meet the men most worthy of your respect and friendship. The men who are doing things will not care much about knowing you unless you, too, are interested in doing things.

Take the Freshmen Regulations seriously. They are the result of years of experience and judgement of generations of students.

You are entering a new life when you come to Farm School. It may take you some time to get adjusted. Some never do; that's why they leave. You will have lots of work to do and lots of time to do it in. But if you do not budget your time and put your work and recreation on a definite schedule, you will be swamped.

Merely spending three years at Farm School will not make you a Farm School man. You must work harder than ever before if you are going to advance. Tackle something hard, constructive, positive, and see it through. You will be much stronger after a hard task or difficult problem. "See something through!" Don't be a quitter!

Do not be governed by hearsay. It is easy to obtain official information at the proper source.

It is your every-day self that make the strongest impression on those about you. What you do may count for more than what you are momentarily, but your own personality is an asset or a liability that no shift of fortune can change.

Living in the dormitories does not center upon the privilege of being a "house-wrecker." Remember that silence is often a virtue. Your neighbor may be intent upon staying at Farm School and getting an education, even though you don't care if you flunk your courses. "Rough stuff" is not a form of Farm School patriotism or superiority—"Farm School boy" need not be used in Doylestown as a synonym for "asinine."

Be a "good sport" at all athletic contests. Follow the cheer leaders. They are there to lead you, not to decorate the land. Any acts that you

(Please refer to Page 30)

AGRICULTURE

A REVIEW OF THE PAST YEAR

With the approach of Spring and with the rejuvenation of activities in agriculture, we deem it appropriate at this time to give a brief summary of the high lights of the various departments in the past year.

In spite of the adverse weather conditions, we have bid good-bye to a year of considerable progress in all departments. Consistant showers in the spring threatened to delay all plantings until well into May. Again in August, fierce storms leveled the corn fields and damaged crops in general. As a result, crops were either inferior or were rendered difficult to harvest. An exception to this however, was the hay crop, for whereas the storms were detrimental to most general crops, they were ideal for hay and a bumper yield was harvested. For the first time the timothy hay was threshed and the seed will be used for this year's planting. With all harvesting accomplished by October, advantage was taken of the fine fall weather to get most of the plowing done which otherwise would have to be done in the busy spring season. By holding their wheat and potatoes for a rise in markets, good farm management was demonstrated by General Agriculture as shown by the higher price which they realized for their produce.

For the past year, the dairy herd has been undergoing a drastic culling. All poor cows, or boarders, have been eliminated, which boosts the average of the herd considerably. A new system of keeping records for each cow has been inaugurated which gives us full data on the performance of each breed. The outstanding event of the year in the dairy was the purchase of seven Ayrshires from the Penshurst Farms, which, together with our own herd, have held the highest record in the U. S. herd testing association.

Horticulture has been kept busy all year supplying the Central Sales Department with fresh fruit and vegetables. Many new varieties of truck crops were grown for experimental purposes with mixed results. In spite of the relentless attacks by the aphids in our orchards a good apple crop was harvested. A new system of ring packing was introduced with great success. Only a little over an acre of strawberries were planted for this year as compared to two acres of the previous years.

The Landscape and Floriculture Department have enjoyed a busy year of propagation and havesting. The Landscapers, in addition to their regular project work have constructed a propagation shed for shading perennial

seedlings. Floriculture harvested a bumper crop of chrysanthemums and next year not only all three houses will be devoted to this crop but also all the outside ground. Evidently, Mr. Mayer's motto is "Say it with Chrysanthemums."

Without a doubt the outstanding agriculture achievement of the year was the completion of Poultry's new laying unit. With the burning down of the right wing of the old "big house" last summer, it became necessary to build new laying quarters for the birds out on range. With this aim in view the old Stern Farm barn was remodeled into the present three decker laying skyscraper. Next to it an ultra-modern annex was constructed and together the whole plant has a capacity for 3,000 hens.

One of the greatest problems of the year was the farming of our large acreage with a considerably diminished student body. This, however, was overcome by good management by the department heads and by whole hearted cooperation of the students.

We have been told repeatedly that with a still smaller student body this year, more work will be required from each student. This can be overcome by cooperation and efficiency from both students and faculty as in the previous year.



APPLE POLLINATION

(EDITOR'S NOTE: This one of a series of articles based on Departmental seminars of the last Senior class. We are sure they will prove interesting and instructive to the Student Body. They were condensed by Harold Coven.)

A subject of absorbing interest in Agriculture is the study of self fruitful and inter-fruitful commercial varieties of apples. It is now popularly acknowledged that many standard varieties of apples are incapable of self pollination whereas other varieties have the power to produce fruit unaided by outside forces. As a result heavy financial losses frequently occur in orchards that are not supplied with some means of suitable pollination. To avoid such difficulties in the future, prospective orchardists should have more knowledge of the pollination requirements of various varieties before the orchard is started.

Present available evidence seems to indicate, on the whole, that some varieties are less self fruitful than others. Thus practically no investigation has been able to secure fruit by self pollination of such varieties as Staymen, Arkansas Black, Winesap, and the whole winesap family. It is now known that these varieties produce either defective or almost completely non viable pollen. As a result of this physical abnormality, they are not able to fertilize either their own flowers nor those of any other variety.

Fortunately, the number of self fruitful varieties is well in the majority. In general, varieties that are known to yield well throughout a series of years appear to be more self fruitful than those that are relatively poor bearers. Moreover, these varieties in the hole, appear to be also comparatively good pollinizers for most other sorts—thus their dual value in the orchard. Examples of these are: Jonathan, Duchess, Ben Davis, Gano, Wealthy, Yellow Transparent, and a number of others.

The causes of self unfruitfulness in apples are many and varied. One important cause of a poor set of apples, which is largely beyond our control, is climate. Extremely low temperatures may kill outright the essential parts of the flowers during winter or spring. Then again a frosty temperature or high winds will either kill, prevent growth, or interfere with the work of bees. A temperature slightly above the average is usually most favorable for fruit setting.

Humidity plays an important role in proper fruit setting. Droughts or rains during the blossoming period will either affect the vigor of the tree or interfere with pollination. A dry wind tends to shorten the receptive period of pistils and results in poor and scattered fruit.

Probably the most vital factor which determines the percentage of fertilization, is nutrition. When this factor is present in abundance, the proper fruit setting occurs. When, on the other hand, there is a lack of nutrition, the tree cannot feed the excess of blossoms which are always produced and a dropping of flowers

results. To maintain the maximum number of flowers on the tree, therefore, good nutrition and general vitality are indispensable.

Apple varieties differ considerably in the amount of viable pollen produced. Varieties which form a small amount of pollen, or whose pollen is of low viability are, as a rule, poor pollinizers. The requirements of an efficient pollenizer are:

- (1), Produce an abundance of viable pollen.
- (2), Be compatible with varieties to be pollinated.
- (3), Bloom at same time as other varieties.

It is a well known fact that fruit setting responds directly to the diverse cultural practices. Cultivation, fertilization, irrigation, spraying and pruning, are intended to keep the trees vigorous, healthy and supplied with abundance of water and nutrients. Nitrogen fertilizers are at present commonly used to improve fruit setting in apples. It seems that even if the ovules are not fertilized, the stimulus is instead transmitted to the vascular system, the fruit will develop, and progress in its seedless condition in spite of non-fertility, provided there is an abundance of food on hand. To further prove the benefits of cultural methods samples of pollen were taken from a neglected orchard which, when compared to a sample of pollen from an orchard under good cultural treatment, proved far inferior.

In other fruits, such as oranges, grapes, etc., science has succeeded in producing seedless fruit. This is of rare occurrence in case of the apple. Of course, most varieties when self abortive in large num-

bers. In horticultural literature such apples have been frequently referred to as seedless; a very inappropriate term. Premature dropping of apples for a long time had been thought to be due to lack of pollination. More recently, however, the fact has been emphasized that lack of fertilization is of minor importance and that the factors of whatever nature that bring about embryo abortion appear to be the chief cause for the shedding of the majority of fruits. As might be expected, fruits with abortive embryos and seeds are at a decided disadvantage in the competitive market with those in which seeds develop normally, and if the food supply is adequate such fruits will drop prematurely.

In concluding this seminar, I would like to cite one experiment which, in my opinion, stands out above the rest as a good example of self and inter-fruitfulness in apples.

The varieties studied were Ben Davis, Delicious, Duchess, Wine-sap, Gano, Grimes, Jonathan, King David, Maiden Blush, Rome, York, and Wealthy. The trees were of uniform size, age, and vigor and were grown under similar conditions. The blossoms to be self fertilized were covered with paper bags to insure no outside intrusion. On the trees to be interfertilized the petals were pulled off the still closed flowers and the anthers were removed with tweezers by carefully

working around the pistils. When all the buds had thus been emasculated, the pollen of the desired variety was dusted lightly over the stigmas by means of a fine brush. Large paper bags were also used to protect against foreign pollen invasion.

The pollen was procured by gathering branches of the desired varieties before blossoming and forcing them into bloom in a greenhouse. Pollen was collected from unopened buds in the most advanced pink stage. After sieving, drying, the pollen viability was ascertained by putting them thru a germination test.

The experiment was run for three years and interesting results were obtained. Of the eight varieties, Ben Davis gave the highest set. Jonathan, Delicious and Grimes gave very good results. King David and Rome fell far short as producers of good pollen. The reason for this was that they bloom so late and pass thru anthesis so rapidly that they cannot be considered desirable pollenizers. The other varieties fell into the mediocre ranking.

With more research work conducted and more material available on this phase of Pomology, the prospective orchardist when abiding by these facts will be in a better position to choose most suitable varieties and lay out his orchard in the most advantageous and profitable arrangement.

—William J. Maxin, '34.



Sauerkraut, which is relished by man, is deadly poison to chicks. Bichloride of mercury in small quantities, on the other hand, kills humans but has no effect on chicks.

{ Department News }

With graduation well behind us, we see a new set of Seniors on their projects in the various departments. Upon their shoulders rests in a large degree the responsibility of successfully farming our large acreage. We wish to extend our best wishes of success to these Seniors. They are, by departments, as follows:

DAIRY

Beauchamp
Bogorad
Coven
Golombek

Goode
Herkner
McAllister
Segal

Zeigler

GENERAL AGRICULTURE

Cohen
Lucas
Mogilevsky

Rose
Rubenstein
Triol

FLORICULTURE Saxe

POULTRY

Abramson
Caplan
Hoffman
Meyers

Mirsky
Nison
Sachs
Singer

HORTICULTURE

Fisher
Klein

Krupp
Robertson

Teller

LANDSCAPE

Herbst
Mentzel

O'Neil
Wascavage

< < ♦ > >

—LANDSCAPE TO TACKLE POULTRY PLANT—

No, no one was hurt, . . . it's just that the most important project we have in mind at present is the exterior decoration of the new Poultry Plant. The ground has to be worked up properly, graded, and a coating of green grass laid out. Plans are being worked up to include a perennial flower garden, shrubbery, and ornamental trees. The Plant will be a display of bloom and color

that will rival the Dairy and the Central Sales Dep't., and promises to become one of the show places of the School.

The Railroad station, which has recently been remodeled, is also to be given a touching up, in the way of landscape scenery. Mr. Fiesser has procured several jobs in Philadelphia so that we can test our skill and knowledge in landscape design. Several other promising jobs have also been procured in this vicinity.

The Campus lawn mower is being prepared for a busy spring. The blades were sharpened and broken parts repaired. Special attention is being given the hand mowers so that the Frail Freshmen will not die on the job. Even Pete and Shorty, Landscape's "horse power," are both in top-notch condition and "raring" to go.

In the Nursery we have transplanted seedlings and potted the perennials. As the weather becomes milder, we will work on the various perennial beds, dividing and spacing. In a very short time the Campus will look, as it always did, like the garden spot of Bucks County.

Edward Mentzel.

GENERAL AGRICULTURE

With Christmas over, a new General Agriculture crew prepared to start on their project to win their spurs, or shall we say plowshares? There was little outdoor work awaiting them, and very little variety of any kind of work. The bulk of it consisted of baling and threshing at the Katz farm and at Farm No. 4. Altogether there were about 500 bushels of oats threshed and about 1000 bales of hay and straw baled. In addition to that there was some manure hauled from the Dairy to Farm No. Seven, which operation was by no means easy, due to the cold weather and bad condition of the roads. In co-operation with the C. W. A. program the General Agriculture Department supplied teams and teamsters to haul cinders from the railroad siding. These cinders were used in road repair work around the Library, Eisner Hall, and the Gymnasium. Then there were several

feed and coal cars to be disposed of . . .

There was considerable experience gained in the repair of machinery. The Twin City and the McCormick-Deering tractors were overhauled and worn parts replaced. There was also some repairing done on the School truck and on the General Agriculture Ford truck, as well as on some miscellaneous farm equipment.

At times when the weather did not permit any outside work the time was put in grading the potato crop at the Home Farm. Due to the unusually wet weather we had in late summer the potato crop suffered both in quantity and in quality. The proportion of firsts to seconds and thirds was much below par. There were many cuts due to the use of a damaged potato digger. During the extremely cold weather we had in February there was danger of the potatoes freezing. This was prevented by keeping a kerosene burner and an electric heater burning at night in the potato room. Of course there was always someone there to prevent any fire hazard.

Another result of the stormy weather we had at the end of the summer was that about 68 per cent of the corn crop was knocked down. This not only resulted in the necessity of hand-cutting the silage corn, but there was also a decrease in yield of silage corn, husked corn and good seed corn. Because of the latter the Department had to buy Lancaster Sure-Crop seed corn. Also 300 bushels of new potato seed were brought from Michigan, of the Rural Russet variety.

Potatoes will be planted this year at Farm No. Seven to determine if the soil there is adapted to them.

No care will be given to the experimental grass plots near the Central Sales Department.

About 3000 feet of tile will be put in nine acres of wet land at Farm No. Three.

There are close to 100 acres of plowing to do this Spring.

The crop line-up for this year is as follows:

Corn	150 Acres
Wheat	130 "
Hay	180 "
Alfalfa	16 "
Oats	85 "
Potatoes	25 "
<hr/>	
Total	611 "

—A. Rubenstein.

POPULATION INCREASES— TEN THOUSAND

And still going strong! Incubation is now at it's height. By the end of the season, the Poultry Dep't. intends to have incubated at least 25,000 eggs, producing some 17,000 "peeps." This is without a doubt the largest number of eggs ever set at Farm School. Of this large flock of potential chicks, we intend to raise 8,000, and hope to sell some 9,000 chicks. The average hatch is running around seventy per cent, which is good considering our old equipment. The Poultry Department needs 3,000 pullets to fill the vacant space in our laying houses.

At present, the ladies with the red ribbons and the white gowns are

laying at the rate of fifty-five per cent. The ups and downs of the thermometer during the past cold spells have caused a fluctuation in laying rhythm. However, with warm weather setting in the birds will settle down to real business.

Besides incubating chicks, we have our hands full fattening surplus cockerels in battery brooders. From the demands of patrons at the Central Sales Dep't for chicken dinners, it seems the Farm School broilers will soon rival Long Island ducklings. Very shortly caponizing will be started. The capons will also be fattened to become eventually, "creamed chicken on toast."

At last Mr. Toor's dream of introducing real good blood into our flock has been realized. A recent purchase was made of one hundred standard bred Leghorn chicks from the Seidel Poultry Farms, San Antonio, Texas. By doing this, some of the best production blood in the United States has been introduced into our midst. The outlook for next year's production is very good.

—Manny Myers.

PEACH CROP FAILS

For the second consecutive year the yield of our peach crop will be exactly "nil." Practically all the fruit buds were frozen during the recent cold spells. Peaches are sensitive to cold weather and at ten degrees below zero F., the buds freeze and close up shop for the season.

Due to the cold weather very little pruning has been accomplished.

We still have two orchards, practically all the lanes, the peach orchard and the small fruits to prune, not to mention the grapes and a few others. Because of the winter killing of the peach buds, the orchard is to be cut back rather heavily. Poultry is planning to use the peach orchard as a range for the young chicks this year.

From all indications, the entire small fruit plantation will be confined to a small triangular field behind the nursery. Those who have a sweet tooth for strawberries will be disappointed to find that we have cut down on the size of the plantation to make room for cultivation of currants, which are much easier to harvest.

An intense program of spraying has been planned. As soon as the weather permits we will apply a delayed dormant spray. The peach orchard will be sprayed only once and that for leaf curl. The aphids and codling moth will be well taken care of by a balanced ration of arsenic and sulphur.

As official caterers to the kitchen and Central Sales Departments, we have planned an intensive vegetable program. Onions have already been planted in hot beds for the kitchen use. Cabbage and lettuce seed have been planted in flats in the greenhouse. As soon as the first few leaves appear the seedlings will be set in beds for transplanting. Cabbage will be a large vegetable crop since we have doubled our planting with many new varieties.

Our machinery is overhauled and ready for a busy spring.

—Albert Klein.

MUMS THE WORD

The unusual success that the Floriculture Dep't enjoyed last season with its chrysanthemums has prompted Mr. Mayer to raise this crop almost exclusively. Not only all three houses but also outside beds are to be devoted to the "mum" crop. Several new varieties have been added to our stock. We hope they will prove themselves hardy growers and prolific bloomers.

Hyacinths and tulips have finally been dug up after being solidly imprisoned in Mother Earth by Jack Frost. However, the bulbs were rescued by the sudden appearance of our friend Old Sol. Usually it takes about five weeks to force the bulbs in time for the Easter trade, but this year we will try to do it in four weeks.

One half of the calendula bed has been removed and this space devoted solely to geraniums. The cuttings of the geraniums have already been made and the shoots rooted and potted. These will be ready for sale about Memorial Day.

Have you heard of the new sport at the greenhouse? No, it's not a game but a flower. Instead of the usual blossom, it seems that one of the snapdragons threw a double snap. Mr. Mayer claims this to be the only one of its kind in captivity, and from the pecuniary side, it may prove worth while. We intend to propagate the sport by cuttings and seeds in an effort to duplicate the double snap. If all turns out as planned, N. F. S. Floriculture Dep't will make history.

—Wm. Saxe.

DAIRY GETS NEW

SPRING COAT

For the past month, C. W. A. painters have been busy applying a glossy green and white dressing to the dairy. All the barns, including the maternity, feed barn, and creamery have been painted, and now the Dairy stands out as one of the prettiest sites in Farm School.

A Guernsey bull has been borrowed from the Claude Meyers Guernsey Farms. He is a two year old with good breeding, and should show considerable improvement in his progeny.

A new system of feeding has been introduced in the calf barn. Previously skim milk had been fed to the calves. Now, this has been supplemented with Calf Manna, a milk substitute. The main advantage of Calf Manna is the saving of labor. The time spent in heating and feeding the milk can now be put to other purposes. When the young heifers are moved to the open shed at Farm No. Six, the Calf Manna will be put in the trough and the animals will eat it at will, thus requiring very little attention. The Guernsey herd, consisting of twelve cows, is on its third month of Advanced Registry testing. The Guernseys are our highest butterfat testers.

Many dry cows are freshening and the milk production of our herd will increase considerably in the future.

AGRICULTURAL ODDITIES

The Chinese farmer, although ancient in his practises, leads the world in production per acre. His average wheat yield per acre is 40 bushels, whereas that of the United States is 13.



Hatching ovens have been in use in Egypt for countless centuries and are much the same today as in the time of Moses. The age old incubators are mammoth affairs having a capacity for 15,000 eggs at once and hatching 15-20 million chicks annually. Sun dried camel dung and straw are used for fuel.



In one minute a six inch stroke piston on a tractor at high speed will travel the distance equivalent to twice the height of the Empire State Building.



It has been estimated that were one single bacterium unchecked for thirty-seven days, a mass as large as the sun would be produced.



Nature plays a queer prank in the breeding of pure blue Andalusians. When pure blue birds are mated, the progeny are three colors: blue, black, and white. In order to obtain all blue progeny, it is necessary to cross black and white Andalusians.



LITERARY

REFLECTIONS

Spring—Winds of March have softened, blending with April rains. Marshes resound with the voices of tiny frogs. Robins greet the dawn. Slowly Nature stirs herself—throws off her wintry garb. From among the leaves of yesteryear a tender violet peeps. Reverently I bend—brush aside the leaves that hide it's gentle beauty. Later, as I walk along, a subtle warmth engulfs me. My heart is very full and I smile at the rain drop that splashes on my arm. For in me swells that age-old joy that comes to youth—in Spring.



The Tooth Came Out

I've just had a tooth out. Not much to talk about, as there was no trouble and no pain. I might make it an occasion to expatiate on the wonders of modern science, but I won't. It was the occasion, however, for vivid memories.

When I was so high, I had a tooth out. A dentist had always been a fearsome ogre to me, to be associated with pain and buzzing drills. So, when I was sent for by the nurse, I was decidedly afraid. I went up to the dentists' office and waited an eternity to be called. I had not even progressed to the stage of knickers then and the enamel of the chair was cold against the back of my knees. I shivered and picked off a piece where it was cracked. That helped, so I picked off a lot more 'till there was a large black

spot. In fact I became so engrossed that I didn't hear the dentist call me. Then I did, and the pit dropped out of my stomach.

It was a matter of miles to walk over to the chair but walk I did. I climbed in and tried to make myself as inconspicuous as possible. It did not work. I opened wide and he began tapping my teeth with one of those little instruments you employ in picking out nut meats. So far, so good. I hadn't felt the least bit of pain. Then it hit, and a hot twinge ran along my jaw. I yelped, and he withdrew the two fingers that had almost been bitten off.

He went to his cabinet and took out what I later found out was a hypodermic. That didn't look very horrible, so I just looked on, interestedly. I opened wide again,

felt a sudden prick and a moment of rich pain. I howled and burst into tears. The dentist sent me over to sit down on the enamel chair again and I did, making the welkin ring meanwhile.

Three minutes later it was still ringing. I had forgotten about the pain, of course, and was weeping merely as a matter of principle. The dentist caught my eye and sneered, almost audibly. That gave me pause and I decided there wasn't any reason for crying. I sniffed and stopped. The dentist beckoned again and again I felt as if I were in an express elevator. I climbed into the chair, feeling I was not to be trifled with. I yawned widely and the dentist pinched my cheek. I didn't feel it! He stuck his nut-pick into my lip and again no reaction. The side of my face was absolutely dead.

He then took out one of the biggest pairs of pliers I've ever seen. Shiny they were, and curved. I eyed them fearfully, ready to scream at the slightest provocation. He inserted it, I heard a loud crack, and the tooth came out. I was so astonished at the lack of the pain that the dentist had to remind me to close my mouth at the end of a minute.

—Owen Jay.

THE SALUTATION OF THE DAWN

Look to this day — for it is life,
The very life of life.
Within its brief span lie all the verities
and realities of your existence.
The bliss of growth — the glory of
action, the splendor of beauty.
For yesterday is already a dream and
tomorrow a vision,
But today well lived makes every yesterday
a dream of happiness,
And tomorrow a vision of hope.
Look well, therefore, to this day—
Such is the Salutation of the Dawn.

—Anon.



I wrote a poem to my nurse.
Some very silly, vapid verse,
With coy and sentimental lines
Replete with element'ry rhymes;
Like sigh and cry or live and die,
Like stars above and eternal love.
Truly, that day I do accuse
That led me to go from bed to verse.

Lack of time bids me be terse.
I never mailed it — and yet worse,
Forever in my brain it whines,
Until my very soul resigns
High and dry or clean and dye,
Turtle dove or push and shove,
All poems to poets — be they Norse
or Erse.
Be it in Greek or Latin — the Devil
take verse.

L'ENVOI

Goddess, Princess, Lady Fair,
Muse upon Thy golden chair,
My head's a-reeling — tumbling down
My dreams of fame and great renown.
Do Thou be just a little kind,
Restore to me my peace of mind.

—Owen Jay.



The Gleaner Staff wishes to thank those members of the student body who have contributed to this edition, and hopes that they will keep up the good work. Yours for bigger and better Gleaners.

—The Editors.

{ CAMPUS NEWS }

GRADUATION

On Sunday, March 25, 1934, fifty-eight men received their diplomas. Of this number, all received positions or were going to college. They had majored here as follows:

General Agriculture.....	16
Horticulture	14
Poultry	12
Dairy	10
Floriculture	3
Landscape	3

Commencement addresses were made by Mayor Moore, of Philadelphia, our President, Herbert D. Allman, and Dean Goodling, who sent the graduates away with a last word of encouragement in which he is joined by the new Seniors and Juniors.

ASSEMBLIES

A series of most amusing student body meetings were held on January twentieth, twenty-seventh and February third when the Seniors, Juniors and Freshmen, respectively, took charge of assembles on consecutive Saturdays.

The Seniors, after grave deliberation, made the following Presidential appointments to our unchartered clubs: Bogorad, Scarbelly Club; Krupp, Moochers Club; Zeigler, Wierd Humor Club; "Crow-foot" Cohen, Fat Man's Club; Cov-

en, Won by a nose over Bogorad for the Schnozzle Club; and Mogilevsky Hairy Man's Club.

The Juniors let the student body in on their conception of a Faculty meeting. Cohen as C. L. Doogling, Myers as S. B. Psamuels and various members of the class representing our popular Faculty, gave the students an idea of the weekly meetings held in the Allman Building. It was enjoyed as much by the Faculty members present as it was by the students.

The Freshmen, led by the Old Maestro, Levitt, gave entertainment in which songs and jokes figured largely.

COUNCIL

As a parting gesture, the Student Council engineered one of the most enjoyable Dances of the year and set a new high—we're sure for all time—in the Senior Prom, held in the Sylvan Dell Ballroom on March 10th.

Through the co-operation of the student body and despite adverse weather conditions, some fifty girls were registered. Al Phillips and his music was the feature of the evening. The Freshmen-Junior Basketball game the next morning and memories of the night before made the Dance one that will be long remembered.

HORTICULTURE BANQUET

On March 14 the Horticulture Dep't. Seniors, fourteen strong, sat around the festive board at the home of Mr. Montgomery. Never let it be said that a Hort. Senior cannot do his duty by Mrs. Montgomery's culinary efforts. Creamed chicken, johnny cakes, jellies, ice cream, cakes all disappeared in record time. The meal was followed by an important program exposing the life of a Senior during the last class period. What a racket!

An enjoyable time was had by all, and the boys left happier and heavier, with an unshakable belief in home made banquets.

SENIOR CLASS NEWS

On March 13 1934 the following men were elected as officers for the entire Senior year.

President	A. Klein
Vice President	B. Lucas
Secretary	H. Coven
Treasurer	L. Rose

The recent rise in the price of gold has boosted the price of school rings and keys considerably. Since the price of jewelry is almost double the former one, it is probable that very little will be purchased.

The class pennant has been chosen. As yet nothing definite has been done about the year book, but we intend to settle down to work very shortly.

VICTORY BANQUET

The end of the football season marked the coming of a traditional event, the Football Victory Banquet, in honor of the team. But, due to the school's financial difficulty the

the possibility of having a banquet looked very slim. Here is where the real Farm School spirit asserted itself when the students and faculty voluntarily contributed so as to make possible this affair to which everyone was looking forward. Mr. Samuels' untiring efforts produced a program for this banquet which made it one of the outstanding events of the year.

Dr. Louis Nusbaum of Philadelphia was the toastmaster of the evening and presented the speakers. The speaker of the evening, Coach Stuhldreher of Villanova, former All-American quarterback from Notre Dame, gave a most interesting talk on the value of football training. Other speakers of the evening were President H. D. Allman, Dean Goodling, Mr. Louis A. Hirsch, Rev. Hugh Shields, Umpire Eddie McLaughlin and last but not least our own Coach Samuels, who gave a talk on Public Opinion and Football.

Short talks were also delivered by I. Dagan, Student Body President, and by Captain Leo Waldman. Very fine entertainment was given by both stage and radio talent.

The evening was climaxed by the presentation of cups, rings and other favors. Then sweaters and letters were presented, after which the team retired to elect the next year's football Captain. Everybody was pleasantly surprised that Triol and Wascavage were unanimously elected Co-Captains.

With the singing of the Green and Gold a banquet was closed which will be remembered for years to come.

VARSITY CLUB

The new men inducted into the Varsity Club at their last annual initiation were Nathanson, Gartner, Levitt, Lucas, Spachner, and S. Waldman.

The annual banquet began as usual with a trip to the Strand Theatre (through the courtesy of Mr. Joseph Wodock) and ended with a most enjoyable evening at the Pipersville Inn, where a delicious meal was served.

Short talks were given by many of the guests and the officers for the next year were elected. They are as follows:

President	Zeigler
Vice President	Sachs
Treasurer	Wascavage
Secretary	Lucas

Elections of the 1935 Basketball team were held and it was decided that Triol and Sachs were to be co-captains.

JUNIOR CLASS

At a recent meeting of the Junior class, officers for the first six months of the year were elected, as follows:

President	Levitt
Vice President	Boehner
Secretary	I. Klein
Treasurer	Kancepolsky
Councilmen	Gellens, Mazer, Cohen, and Meyer.

SENATE

The Senate is composed of eleven Seniors and the President of the Junior class. Contrary to popular belief, let it be known that the Senate is not an organization existing for the sole purpose of punishing Freshmen. It is primarily organized to settle matters and disputes between the students. The members of the Senate have been chosen because they are known to be fair minded and impartial. They realize that there are two sides to every story and that their purpose is to create harmony and understanding between the classes.

The following men make up the Senate for '34-'35:

Klein, Teller, Lucas, Myers, Coven, Wascavage, Abramson, Krupp, Robertson, Bogorod, Beauchamp, Cohen, and Levitt.

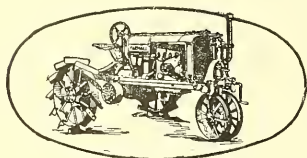
BAND

Under the leadership of Charles Bendersky and the valuable assistance of Lieutenant Frankel, the the band of '34 closed another successful season. The past year was marked by many outside engagements.

The many vacancies caused by the graduating bandsmen will be filled by the present underclassmen. An instrument and a teacher are assigned to each applicant free of charge.

We hope that every one appreciates the wonderful opportunity that is offered here, and that the new Freshmen especially will be quick to take advantage of it.

—Gilberg.



REHABILITATION NEWS

The Rehabilitation class slowly grows, recently having added five more names to its roster. We are working in Poultry, Dairy, Floriculture or Landscape, and feel that we have fitted into the general scheme of things.

Mr. Fleming has asked us to join the Inter-Dormitory Baseball League and we have accepted, so the other dorms had better beware.

P.S.—We'll trade our President and a genuine Southern Colonel for a good pitcher.



THE NOSE IN THE FURROW

I have learned, since coming to Farm School, that the good farmer never leaves trees standing in the middle of his field to complicate his plow furrows. Likewise I have learned that the good poultryman never postpones scraping roosts, even if the first lovely day in Spring invites an hour's walk through the country.

Production would suffer.

That kinship with Mother Nature, that contact with the soil so beloved by orators, is forgotten by today's farmer. The farmer of today has no time to smell fresh-turned earth, feel cool grass, or stop for a bit of shade on a hot summer's day. Production is the God; and the modern farmer is as much a factory

as any soap, shoe, or pants factory. All the glory of the open air which used to be the compensation for the farmer's hardships is gone. If another crate of eggs a year, another hundred bushels of wheat, means sweating your head off in grinding labor — all the better. You are thereby increasing production.

I can't understand why modern farmers have gone crazy over production. Why can't they take their noses out of the furrow and look up into the blue sky?

—A. Kelner.

(Editor's Note: It is quite obvious that the author of this essay has as yet not become acclimated to country life. We are sure that in a little while he will find that although the farmer is less articulate than his city cousin, he nevertheless enjoys nature as much, if not more — and all because of his intimate communion with the land.)



{ EXCHANGE }

FOR some baffling reason our Exchange Department periodically falls into a slump at about this time every year. Why? To tell the truth, we don't know — unless it be that the change in editors and the prolonged period of time since our last publication are to blame.

Considering the fact that schools exactly like ours are hard to find — we mean in regard to purpose and training — we find ourselves without any of those contemporaries upon which an Exchange is usually dependent. Therefore, if our correspondents will bear with us, we will do the best with the material on hand — and hope for better days to come.

In our next issue we hope to be able to introduce a new department head, as yet unknown. We are sure that he will do his best to give this department the prominence it deserves.



We gratefully acknowledge receipt of the following publications since our last issue:

The Agricultural Student—Ohio State University.

Delaware Aggie News—University of Delaware.

The Ursinus Weekly—Ursinus College.

The Index—Haverford School.

The Bee and Gold—Concordia Institute.

The article, "Are you A Greek?," in The Agricultural Student, we found quite interesting although here at Farm School we are not troubled (or honored) by the necessity of accepting pledges,—we have no fraternities.

The Index, we note with pleasure, has an indeed fine article in "The Value of Color in Athletics." Coupled with the Editorial and short

stories, we found the February issue "A thing of beauty and"



If you don't believe the world is improving, look up a twenty-year-old newspaper and see how the art work in the hosiery department has improved.



She diets and she starves—

Gets thin and then, alack,

The fashion page declares

Curves are coming back.

—Index.



The leaves of plants are bathed in the atmosphere which is composed of four-fifths nitrogen in the free state. And yet in spite of this fact, one of the strangest paradoxes of nature is the fact that plants commonly die of nitrogen starvation because they are unable to produce this precious element from the air.

{ ALUMNI }

ATENTION! The Gleaner would like to hear from all Grads who are still engaged in Agriculture, or any business allied with farming. We feel sure you have some message that will interest your former classmates. Meet the boys again through the Gleaner, in your own Alumni column.



Albert Gysling, '30, who specialized in Dairy and General Agriculture is working for the Big Brothers Farm near Bristol, Pa.

Nathan Epstein, '32, is continuing his Landscaping work in Philadelphia, Pa.

Joseph Lych, '28, is now working as a milk tester for the Scott Powell Dairy in Philadelphia, Pa.

Bruce Wayne, '02, is on the Entomological Staff of the U. S. Government. He is now doing research work in India.

Morris Ostrolenk, '24, is a Bacteriologist for the U. S. Dept. of Agriculture.

Jacob Raskin, '14, is working for the Fairmount Park Commission as a Landscape Gardener.

Manuel Berman, '33, is working as a mechanic on Farm Machinery for Berman Brothers' Garage in Chester, Pa.

Nathanson, '33 is managing the farm of Albert M. Greenfield, situated in Montgomeryville, Pa.

John Wolford, '34 is working for the Lady Dawn Dairies.

Ben Livine, '31, is in the Poultry game at New Paltz, N. Y.

Wilmer Austin, '31, is working on a farm near his home in Cincinnati, Ohio.

Benj. Bush, '33, is working at Brandywine Summit, Pa. He is in charge of the General Agricultural Dept. of the farm.

Joseph Green and Morris Harris, both of the '33, class, are engaged in a Poultry venture in Penny Co., Newport.

Eugene Pool, '33 a graduate of the Hort. Dept. is working at Cottonsville, Md.

Manuel Yablonko, '33, has finished his first year as a student of Landscape at the U. of Michigan.

Raymond Jones, '34, has accepted the position of P. G. in the Landscape Department.

William Brackett, '34, has accepted the position of P. G. in General Agriculture.

ATHLETICS

VARSITY BLUES

REVIEWED

Vain attempts of opposing teams trying to get the ball past the Farm School Five Man Defense — "Marble" Triol playing the visiting boys safe and steady — The Aggies taking over the Ursinus Frosh to avenge the Football defeat. — Sandy Sachs slipping through a tall center's legs for a free toss at the cords — Coach Samuels trying to find some grass to pull in a crucial moment — "Shlepp" Segal nosing out the opposing forward and slipping one into the basket for two points — The innocent look on the face of Hunk (N. D.) Levitt when the "ref" caught him manhandling his opponent — The avalanche of sound when Farm School's cheering section swings into action — "Bugle" Bogorad giving the audience a glimpse of his famous potato — The Farmers making it a successful season by defeating P. I. D. on their own floor — the Mount Airy boys were speechless with surprise.

PREVIEWED

"Pop" Ziegler is starting his twenty-fifth baseball season — Not many old timers left these days — Several fellows were seen swinging bats in the corridors the last few weeks — "Cap" Segal says he's going to be a catcher this year — Sounds good — Mr. Fleming was out testing the baseball diamond last week — Only a seven game schedule this year — Give the boys eggnog for stamina, Coach — "Marble" Triol our nine letter man, is catching up on his sailor language — in case his batting eye goes flooey — Sandy Sachs is chasing pellets getting practice on line drives — Runt Waldman claims that very few men will get past second base this year — Spring football practice starts soon — More of that next issue.



BASEBALL SCHEDULE - 1934

April 14	Northeast H. S.	home
April 21	Temple H. S.	home
April 28	Ursinus Freshmen	home
May 5	Girard College	home
May 12	Roxboro H. S.	home
May 19	Pa. School for Deaf, Mt. Airy	
May 26	So. Phila. H. S.	home

Farm School Opens With A Victory

The Farm School Green and Gold Whirlwinds trimmed Banks Business College in the opening game of the season, to the tune of 46-33.

The game was well played, considering that it was the lid remover of the Aggie's basketball season. Less erratic playing marked the game than in usual openers. Plenty of free, fast scoring prevailed throughout with Captain Cohn, of the Farmer's, king-pin of the day with a total of twenty points to his credit.

The big Farm School team continually forged ahead with its rugged, aggressive style of basketball, although considerable fouling marred the defensive action of both teams.

N. F. S.	Business College
Plevinsky .....forward.....	Broomall
Sachs .....forward.....	Rowe
Cohn .....center.....	Dalben
Engleberg .....Guard.....	Bergher
Triol .....Guard.....	Kern
Levitt .....Guard.....	Lindley
Segal .....forward.....	Berwick
	Doughtery
	Miller

	1st half	2nd half	final
N. F. S.	30	17	47
B. B. C.	15	18	33

Referee—Barfoot.

Temple Too Much For Aggies

In their second game of the season Farm School was stopped by a well trained aggregation from Temple Prep, who defeated the Aggies 40-29.

The Aggies were overshadowed in the first half by the passing attack of the visitors. The Farmer's

displayed poor shooting, and the lack of rhythmical teamwork usually evident in a Farm School team was apparent.

At the start of the second half, the Agrarians put on a burst of speed, but it was short lived due to the tightening up of Temple's defense.

The Temple men lost the ball quite frequently during the last quarter, but usually recovered to make their passes and shots for the basket count.

N. F. S.	Temple Prep.
Plevinsky .....F.....	Pittman
Sachs .....F.....	Benny
Cohn .....C.....	Wise
Triol .....G.....	Carlin
Levitt .....G.....	Collins
Segal .....F.....	Otto
Engleberg .....G.....	Alexander

	1st half	2nd half	final
N. F. S.	10	14	24
Temple	22	18	40

Referee—Barfoot.

N. F. S. Sticks P. I. D.

By using a varied attack with consistent scoring, Farm School was able to take P. I. D. into camp by the score of 39-18.

The start of the game was quite interesting but the Mt. Airy boys gradually dropped out of the running. The small, light team of P. I. D. could not stand up under the clever attack of the Farmers, who romped to an easy victory.

The Aggies' strong five man defense could not be penetrated while their fast breaking after obtaining the ball netted them many points.

N. F. S.		P. I. D.	
Plevinsky	F.....	Ferreone	
Segal	F.....	Green	
Cohn	C.....	McNulty	
Triol	G.....	Furman	
Engleberg	G.....	Zabegalski	
Sachs	F.....	Harris	
Levitt	G.....	Quigley	
	F.....	Kolman	
	F.....	Porter	
	1st half	2nd half	final
N. F. S.	25	14	39
P. I. D.	9	9	18
Referee—Barfoot.			

Southern Swamped

Playing one of their most brilliant games of the season the Green and Gold Courtmen reached their mid-season form when they defeated Southern High by the decisive score of 37-26.

Coach Samuels' men played a well-executed five men defense against which the Southern boys were able to net only eight double-deckers, most of which were long shots.

Farm School started off with a dazzling offensive and had gained an 11-2 lead by the end of the first period. The Aggies continued their good work throughout the half which ended 21-9 in their favor. Southern's scoring spurt in the last quarter was not enough to overcome the Farmers' substantial lead, so the game ended with Agrarians 'way ahead. Cohn and Plevinsky were the high men for the day, totalling twenty and nine points respectively.

N. F. S.		Southern	
Plevinsky	F.....	Glener	
Segal	F.....	Domsky	
Cohn	C.....	Dhue	
Triol	G.....	Mersky	
Engleberg	G.....	Rosenberg	
Levitt	G.....	Glenn	
	G.....	Ginsburg	
	F.....	Defeo	

	1st half	2nd half	final
N. F. S.	21	16	37
Southern	9	17	26
Referee—Barfoot.			

Farmers Upset Ursinus

Against their newly acquired rivals, Ursinus Frosh, the Aggies came out on the long end of the score in their fourth start of the season.

The scoring as well distributed among the players, showing that a varied attack was used. The first half was closely played, with only a small lead separating the teams. However, the Green and Gold slowly forged ahead in the last period, and the final whistle blew with the Farmers leading 36-28.

The defensive work of Farm School was the feature of the game as the reliable five man defense proved its value for the "nth" time.

N. F. S.		Ursinus	
Plevinsky	F.....	Fisk	
Sachs	F.....	Gaumer	
Cohn	C.....	Laurer	
Engleberg	G.....	Quay	
Triol	G.....	Costello	
Levitt	G.....	Wildonger	
	1st half	2nd half	final
N. F. S.	19	17	36
Ursinus	17	9	28
Referee—Barfoot.			

West Chester J. V's Eke Out Win

Farm School lost its second game of the season when it was edged out by a classy West Chester Teachers College J. V. team by the close count of 29-31.

Both teams showed plenty of snappy basketball in which fast, accurate passing and flashy floorwork were noteworthy characteristics. The action of the game was somewhat marred, however, by the rather heavy fouling of both teams.

The game was closely played throughout, with neither team leading by more than four points at any time. The first half ended with the Aggies leading by a single point, but this was soon overcome by the Teachers. The lead then fluctuated back and forth until, in the closing seconds of the game, the J. V.'S sunk a two pointer, putting the game on ice.

N. F. S.		W. C. T. J. V.	
Plevinsky	.....F.....	McCall	
Sachs	.....F.....	Forbes	
Cohn	.....C.....	Dottie	
Levitt	.....G.....	Manno	
Triol	.....G.....	Cutadean	
Engleberg	.....G.....	Slaughter	
Segal	.....F.....	Slattery	
		1st half	2nd half
		14	15
		13	18
		19	31
Referee—Barfoot.			

Cadets Guns Spiked by Farmers

It was a superior type of basketball that was responsible for the Aggies' victory over the West Chester Military Academy of New York.

The lead changed hands many times until the last quarter when Farmer School forged ahead to gain and hold a four point lead. The whistle blew ending the game 25-21.

The play see-sawed back and forth during the entire game with sudden spurts by both teams keeping the action at fever pitch. West Chester had a beautiful passing attack, but they lacked scoring punch. Farm School's passing was slower but more effective, enabling them to sink many shots for valuable points.

N. F. S.		W. C. M. A.	
Plevinsky	.....F.....	Mahalko	
Sachs	.....F.....	Contant	
Cohn	.....C.....	Reksto	
Triol	.....G.....	Hercey	
Levitt	.....G.....	Malkin	
Engleberg	.....G.....		

	1st half	2nd half	final
N. F. S.	13	12	25
W. C. M. A.	12	9	21
Referee—Barfoot.			

N. F. S. Ends Season With Victory Over P. I. D.

Traveling away to play their last game of the season, the Farmers ended their schedule in a praiseworthy manner by defeating P. I. D. on their own floor by the score of 38-17.

Playing one of the most impressive games of the season with each player doing his individual best to make a well-oiled, smooth clicking machine, which functioned to perfection, the Aggies crushed the Institution in a decisive manner. The first quarter looked bad for the Aggies when P. I. D. led by a 7-2 count. However, the Aggies began to warm up and as soon as they found their scoring eye their lead was never threatened.

Captain Cohn was high scorer for the day with 21 points to his credit. Plevinsky and Engleberg finished their basketball careers at N. F. S. with some excellent playing, while Triol, Sachs, and Levitt also contributed their share in this windup victory of the season.

N. F. S.		P. I. D.	
Plevinsky	.....F.....	Ferreone	
Sachs	.....F.....	Furman	
Cohn	.....C.....	Green	
Levitt	.....G.....	Harris	
Triol	.....G.....	Zabiegalski	
Engleberg	.....G.....	Quigley	
	F.....	McNulty	

	1st half	2nd half	final
N. F. S.	15	23	38
P. I. D.	12	5	17
Referee—Stokowski			

Interdormitory Basketball

With the Waiters forming the new team which joined the 1934 season of Interdorm basketball, we found plenty of scrappy football featuring the Sunday morning melees. The third floor team of Ulman Hall, composed of future football men, who got plenty of clipping and tackling practice every time they played, won the prized championship when they battled through an arduous three game schedule undefeated.

Team	Won	Lost
3rd Fl. Ulman.....	3	0
Lasker	1	2
2nd Fl. Ulman	1	2
1st Fl. Ulman	0	3
Waiters	0	3

Junior—Freshman Basketball

One of the closest games played between Freshmen and Junior teams took place on Sunday March 11, with the upper classmen topping the one year men 19-18.

The game was fast and furious throughout, with a tendency towards roughness which was somewhat kept in check by Referee Samuels.

The Mutts broke into the scoring column first when Spachner sunk a short two pointer. The Juniors came right back, however, and tied the score at two all. A foul shot was then made by each team, tying the score at three each. The Juniors opened the second quarter with a bang and gained a six point lead on the Frosh before they again started scoring. The half ended 13-6 in favor of the Juniors. The third period seemed to be a preparation for the

fourth which was a very hectic affair. The Frosh kept diminishing the lead held by the Juniors but the final whistle blew with the upper classmen leading by one point.

The floorwork and generalship of Coach-Captain Segal was very outstanding, while Golombek was high scorer for the Juniors, netting ten points.

Spachner and Kerns were high men for the Freshmen, gathering fourteen points between them.

Lucas	F.....	Waldman
Segal	F.....	Spachner
Kline	C.....	Kerns
Golombek	G.....	Katz
Bogorad	G.....	Mazer
Krupp	G.....	Kahn

Score

	1st quarter	2nd	3rd	4th	final
Juniors	3	7	7	2	19
Freshmen	3	0	10	5	18

Referee—Samuels



BASEBALL OUTLOOK

Another baseball season has rolled around and the fellows are all thinking about batting averages, errors, hits, fielding chances, signals, or what have you. The five letter men from last year led by Captain Segal will constitute the nucleus around which Coach Fleming has a job of forming a baseball nine, using candidates from the Junior and Freshman classes as material.

The schedule is neither as long nor as difficult as in other years but just the same the fellows will have to play "heads-up" ball in order to do justice to themselves and the School.

(Continued from Page 4)

SMUCKLER, WM.	West Philadelphia High School.	Philadelphia, Pa.
SPEARS, MAURICE V.	Ohio Military Academy.	Cincinnati, O.
SPEVAK, DANIEL	Central High School.	Philadelphia, Pa.
WALCOTT, LEROY	Northeast High School.	Philadelphia, Pa.
WATZ, JOS.	Southern High School.	Philadelphia, Pa.
WAXMAN, EDW.	West Philadelphia High School.	Philadelphia, Pa.
WEAVER, FRED		Delaware City, Pa.
WEISS, ROBERT	Simon Gratz High School.	Philadelphia, Pa.
WILSON, ARTHUR W.	Collingsdale High School.	Collingsdale, Pa.
WOLF, HYMAN J.	James Madison High School.	Brooklyn, N.Y.

At time of going to press the following have not yet arrived:

COHEN, JAMES	NAHAM, SEYMOUR S.
GROSKY, LEON	PEKERIS, JACOB
HARRISON, WM. H.	SCHNALL, EMANUEL
NAGEL, MORRIS	SRULOWITZ, HYMAN

< < ♦ > >

BY THEIR MISNOMERS YE SHALL KNOW THEM

MEET THE SENIORS

ABRAMSON	Joe Kolynos
BEAUCHAMP	Pediatric Expert
BOGORAD	The Potato King
CAPLAN	The Canine Lover
COHEN	Just Plain Bill from Bunker Hill
COVEN	Bigger and Better
FISHER	Texas Boy
GOLOMBEK	Ham
GOODE	Ye Professor
HERBST	The Sphinx
HERKNER	Scarface
HOFFMAN	Handsome Yo Yo
JHANATOWICZ	Assistant to the Nurse
KLEIN	A Super-Politician
KRUPP	Moocher
LUCAS	Carnera
McALLISTER	Number One
MENTZEL	Annie doesn't live here any more
MIRSKY	Mrs.
MYERS	Tool Works
MOGILEVSKY	John W. Barrymore
NISON	Hasn't been heard from yet
O'NEIL	John Philip Sousa
ROBERTSON	Varsity
RUBENSTEIN	Socrates
ROSE	The A. A. has a new —
SACHS	Just Meatball
SAXE	Varsity trainer
SEGAL	Have a duck dinner on him
SINGER	Bing Crosby Singer
TRIOL	Football Cap't. Inc.
WASCAVAGE}	
ZEIGLER	The King

AND THE JUNIORS

ADLER	Romeo
ALTMAN	Bull
BENDERSKY	Stokowsky
BOEHNER	Reverend
BLOCK	Leviticus
BRUSKIN	Information Here
COHEN	Hatchet Face
FRIEDMAN	Itch
FUIMAN	Tuffy
GELLENS	Shot (Half)
GILBERG	Baby Face
GINSBERG	N'awleans
GOODMAN	Windy City
HENRY	Monk
HYMAN	Strappy
KANCEPOLSKY	Count K. of Kelifornia
KAHN	Ukelele
KLEMENTISZ	M'Gurk
KATZ	Snatch
KERNS	Mother Goose
KLEIN, I.	Somnambulist
KLEIN, M.	Hercules
KNOP	Yeah, Man!
LEUHERS	Vacancy, Inquire.
LEVITT	Grandpop
MAZER	Ug
MEYER	Crepe
MELTZER	You Do It
MIRELL	Duroc
PATTON	Now, my latest girl—
PEARLSTEIN	Nurse Crazy
ROBINSON	James Wellington Whimpy
SALINE	Fu Manchu
SAXE	Droopy
SCHWARTZ	Grandstand
SEIDMAN	Buddha
SHULMAN	Owen Jay Brain Trust
SCHUCK	Porky
SMEDLEY	Tess
SPACHNER	Bing
WALDMAN	Snake Hips
WOLFISH	Looney, dot dope



(Continued from Page 6)

would condemn at other Schools are out of place here. Keep up your spirit, even during a losing contest. Help Farm School preserve the reputation for fairness and sportsmanship.

With the ideals of this great institution to help you, are you going to live a life on an average plane, just drifting like a piece of wood with the current, or are you going to thing and to follow the ideals you have, even though you crash with some of the unworthy habits which are a part of the social life about you?

{ HUMOR }

FACTS FOR FRESHMAN

Whom to see and what about.

1. If you are having trouble with your legs, and want to obtain a good pair of substantial Faculty legs, see Beauchamp.
2. If your room-mate wears your suit, smokes your butts, uses your stamps and appreciates the colorful ties you possess, advise him to see Krupp, the Moocher Man.
3. If you crash the scales at more than ninety pounds, and not over one hundred and seven, you are a prospect for the "Carnera Club," sponsored by Blanchard Lucas.
4. On the other hand, if Mr. Samuel invites you out for football, (lineman take notice), you are more than likely a fitting candidate for "Crow" Cohens "Beef Trust" Boys.
5. If your jokes are crummy, and you think they're funny, come up and see me sometime. This is "King" Zeigler's Weird Humor Club advertising for new members.
6. If your head feels light and stay awake nights, worrying about the nifty wave you used to have in your hair, and now that the tide's gone out, what to do? Ask Abe Rubenstein, he'll make you feel right at home at his Billiard Bald Boys Club.

7. If you have to use a bedsheet for a handkerchief, because you have a healthy proboscis, Coven will cheerfully tell you all about the Schnozz Club, for the biggest and best only.
8. If the weaker sex are too strong for you and "you adore watching others dance and just like to listen to the music," "Schlepp" Segal will welcome you to the Disappointed Romeos' Brotherhood.
9. If you're able to withstand the use of blankets during these cold winter nights, surely you should get in touch with the "Mogel," ye Pres. of the Hairy Chest Boys.
10. If your intestinal fortitude has been disturbed,
Pray do not be perturbed,
But make a bee-line for Joe Bogarad and his Scarbelly boys.

BITS OF WIT

1. When the thermometer hit 50° above during one of the cold spells, a wit remarked, "Gosh, we're having a heat wave!"
2. When the Chef received a package containing nuts and bolts, a wit asked if they were to be used in the soup that night. Was the Chef mortified.
3. Zeigler and Levitt battling it out for the "old man" championship and Levitt winning by the narrow margin of a decade.

COW CULLING CUTS SUPLUS AND ADDS TO DAIRY PROFITS

One dairy cow out of three is a loser, even among the better herds in the herd-improvement associations, according to studies the Bureau of Dairy Industry has made of the association records. Such a condition in these better-than-average herds, say the dairy specialists, is the best kind of argument for reducing milk production by culling out of the poorest cows in all of the lower-yielding herds and probably to an extent in some of the high-producing herds.

With the present price situation such a course is as plain as a new road but it is a road that has been pointed out on the basis of these profit and loss figures for many years. Yet in the last few years the usual numbers of cull dairy cows have not been marketed. In fact the cow population has increased eighteen per cent in six years whereas in normal times about four and a half million cows have been taken out of milk production each year.

Although the need for reducing the quantities of milk and other dairy products put on the market may be only temporary, increase in efficiency of herds should be a continuing program, says O. E. Reed, Chief of the Bureau of Dairy Industry. Culling, he says, is the first move in building more efficient herds for the future.

How the dairyman may go a long way toward collecting more profit without making a greater demand on the consumer is shown by a few

simple figures in a recent statement prepared by the Bureau of Dairy Industry: Cows producing two hundred pounds of butterfat a year in herd-improvement associations in 1932 did so with a feed cost of \$27.50 for each cow. On the other hand, the cows that produced four hundred pounds a year had a feed cost of only \$36.50 a year — only \$9 more for twice as much butterfat. With butterfat at 20 cents a pound, a herd of eighty cows of the kind producing two hundred pounds of butterfat a year would bring in \$1,000 income over feed cost. But a farmer with cows of the 400-pound kind would have to tend and milk only twenty-three of them to get \$1,000 over feed cost.

The difference to the farmer in work and in overhead expense is enormous. But from the standpoint of present market conditions the difference in production is even more significant. The man who brings in \$1,000 above feed cost with twenty-three cows puts only 9,200 pounds of butterfat on the market. The man who brings it in with eighty cows puts 16,000 pounds on the market. The price of butterfat, it must not be forgotten, is the same in either case.

"It is easy to see," says Mr. Reed, "what kind of cows are responsible for much of the present trouble in the industry and much of the individual dairyman's trouble all the time."

—The Clip Sheet.



ADVERTISERS' INDEX

A magazine is only as good as its resources. The largest of these resources is the merchant who advertises in that magazine. This holds true with our own publication as with any commercial magazine.

Our advertisers are a large factor in making the "Gleaner" what it is. If advertisements are scarce, the magazine suffers and thus the readers. If advertisements are plentiful the exact opposite results with both advertisers and readers benefiting.

The only way to obtain and hold advertisers is for students of the school to patronize them and give them some justification for advertising. There is no plausible reason for the students of the National Farm School not doing this.

Let us, as students interested in the welfare of the "Gleaner," make our advertisers more satisfied by our patronage.

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